

MASSACHUSETTS RENEWABLE PROGRAM
LIST(4/8/03)

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE/FAX #</u>	<u>E-MAIL ADDRESS</u>
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MASSACHUSETTS RENEWABLE PROGRAM LIST

(4/8/03)

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Michael Tennis	Community Energy	781-641-4172	tennis25@rcn.com
Richard Travaglini	Green Mountain	610-902-6045	richtravaglini@greenmountain.com
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Kathy Yetman	National Grid	508-421-7209	kathleen.yetman@us.ngrid.com

00503

Green Power Enrollments / Billing

1. Rate tables must be revised to reflect “duplicate” rates to be applied to “green power” Customers:
 - See attached billing code cross reference sheet
2. CSR’s would receive enrollment request from customers:
 - Rate change occurs immediately in customer system. Cannot change rate upon request.
 - Procedure to be set-up to “store” pending rate changes till next read date (Store Name, account and enrollment date).
 - Discussed with IS ability to develop a “pro-term” job which could update pending rate changes at appropriate time. Discussed the use of the “note screen” in CIS.
 - All requests should be “channeled” thru specific CSR’s or phone numbers.
 - If new customer rate would be set-up at initial call.
3. Review Billing Issues:
 - In the short term, both the standard offer and default price tables would be changed to reflect the “green power adjustment” surcharge included in supply. Standard Offer rates would be included within rate tables. Default Service would have new fixed and variable tables developed to be applied to the “duplicate” rates (four tables for each Company).
 - Will duplicate rates back to June or January to accommodate cancel and re-bills.
 - Bill print would be revised to reflect “green power” designation.
 - Current AHIS screen only shows two-digit billing code. CSR’s will have more billing codes to track. However, Galaxy is able to print written version of billing codes instead of two-digit code.
 - **Currently in the process of setting up meeting with IS (Tina and Jessica) to see possibility of developing a “surcharge or add-on” type rate to the supply charges on bill. This would eliminate the necessity of Duplicate rate codes.**
4. Load Reporting:
 - Load reporting “keys” on rate designation. If rate change is after read date, there should be no impact on the process. The reporting would reflect usage by rate and indirectly track supply type (standard, default, green etc).
5. Revenue Reporting:
 - May not be able to “track” revenue associated specifically with green power surcharge. Ad Hoc analysis would be used to “split out” green power adjustment from regular supply revenue.

Green Power Product Development

Bi-Weekly Status Report

Report Date: 05/13/03

Report Period: Through 05/11/03

Overall Status: On Track for proposed 10/01/03 DTE filing.

The Green Power Team consists of –

Penni Connor

Peter Barsamian

Frank Gundal

Jim Razzaboni

Ellen Angley

Gary Cunningham

Bob Martin

Richard Lyford

John Milton

We will hold monthly status meeting starting first week in June.

Bi-Weekly status reporting will be implemented

Recent Activity:

Accomplishments:

- Delivered and trained Call Center personnel on survey
- Delivered survey to CSG to conduct during Energy Efficiency home energy audits
- Met with CSG to discuss products/options
- Met with Green Mountain Energy to discuss products/options
- Received preliminary proposal from Fleet for credit card billing

Plan for time period (5/19/03 to 5/30/03):

- Collect surveys and develop report
- Investigate costs/scope to conduct customer focus groups
- Solicit Green Mountain Energy for a concept proposal to develop, brand and market a green product
- Contact Green Mountain Energy reference in Oregon

00505

Green Power Product Development

Bi-Weekly Status Report

Report Date: 06/6/03

Report Period: Through 06/6/03

Overall Status: On Track for proposed 10/01/03 DTE filing.
Next Meeting Tuesday June 10, 3:00 PM SW3F

Recent Activity:

Accomplishments:

- Received 29 surveys from CSG
- Received 28 surveys from NSTAR Call Center
- Surveys have been evaluated and summarized
- Received preliminary proposal from Green Mountain Energy
- Received proposal for customer focus groups

Plan for time period (6/9/03 to 6/23/03):

- Investigate billing options
- Pursue Customer Focus Group
- Contact Green Mountain Energy reference in Oregon (if applicable)
- Begin RFP for Green Product marketing assistance

00506

Sub-Team Responsibilities and Leads

Account Management (Frank Gundal)

- Create 1-800-number for signup
- Create signup/drop process description & flowchart
- Create training/education for Call Center/Tech Center personnel (coordinate w/Harry Ruscetta & Larry Denehy)
- Design and implement marketing plan

Corporate Communications (Mike Durand)

- Issue press release
- Develop and coordinate bill insert
- Assist with marketing materials
- Assist with Community Awareness
- Coordinate Press conference for kick-off

Government Affairs (Mark Reed)

- MassPIRG endorsement
- Meet with Green vendors to ensure buy-in

Billing (George Thompson)

- Add new rates
- Test system
- Assist with training (Call Center)

Energy Supply (James Daley)

- DTE filing
- Green Procurement
- Ensure procurement meets requirements by MCEC and any other legal obligations to abide by NSTAR's product description
- MCEC process fulfillment (if applicable)

Green Power Product Development

Bi-Weekly Status Report

Report Date: 07/3/03

Report Period: Through 07/3/03

Overall Status: **On Track for proposed 10/01/03 DTE filing.**
Next Meeting Thursday July 31, 3:00 PM SW3F

Recent Activity:

Accomplishments:

- Additional surveys from NSTAR Call Center, total 98
- Surveys have been evaluated and summarized
- Focus Group date has been set for 7/22
- Participant screener has been approved
- Met with Brown Marketing 7/2 to review discussion guide
- Contacted Corporate Communications for suggested list of names

Plan for time period (7/3/03 to 7/31/03):

- Conduct focus groups
- Prepare DTE filing

00508

Major Task/ Initiative / Account Name:

SR # 2629 Green Power

Date : 11/17/03

Customer : NSTAR

Major Task Status	Mgt. Info	Budget / Measurement (hours)
Major Task Health	Tech. PM	Total Planned Project Cost (BAC)
Major Task Risk	Bus. PM	Actual Cost to Date (ACWP)
	Tech. Owner	
	Bus. Owner	Budget / Measurement (\$)
	Tech. Sponsor	Total Planned NonLabor Costs
	Bus. Sponsor	Actual NonLabor Costs to date

Executive Summary :

Accomplished Last Week

Planned This Week

External Review of Planning/Requirements

Complete Detail Design Peer Reviews

Signoff on Major Task Plan Package

Complete Detail Design Estimate/Replan

Detail Design Peer Reviews IP

Continue Construction

Detail Design Estimate/Replan IP

Construction IP

Six dependencies on other areas have been identified and will be tracked to completion. See dependency log.

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SR #	Risk No.	Date Raised	Description	Category	Probability (H/M/L)	Impact (H/M/L)	Priority Prob X Impact (H/M/L)	Action Manager	Containment Strategy (summary)	Status	Comments
2629	1	10/17/03	Work effort has an inflexible completion date of 1/1/04	H	H	M	H	M.Little-Porter/ Tina Barter	Effort has been scheduled to allow some contingency in schedule by task.	Open	Work is doable within time frame if all dependencies are met.

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[illegible]

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SR #	Action No	Description	Priority (H/M/L)	Requester	Owner	Need Date	Completion Date	Status	Comments
2629	1	Notify Galaxy of new rate numbers needed	H	Myra Little-Porter	Steve Mulroe/Tony Wheeler	11/07/03	10/24/03	Closed	List of new rate numbers from Rate Dept provided
2629	2	Notify eDocs team of new rate decodes needed	M	Myra Little-Porter	Susan Torppa	11/07/03		Open	Initial contact 10/30/03; need to form details
2629	3	Notify Load Estimation of new rate numbers for Green Power	L	Myra Little-Porter	Bob Hardy	11/07/03	10/23/03	Closed	Load Estimation has required information
2629	4	Notify DPRS of new Green requirements	H	Myra Little-Porter	Tom Kennett	11/14/03	11/12/03	Closed	Initial contact on 10/24; Steve Chiara will provide info when available
2629	5	Notify Special Ledger Revenue of new supply types	L	Myra Little-Porter	Mike Levasseur	11/07/03		Open	Initial contact on 10/24; need to firm details
2629	6	Determine if 62.4% Com Std Offer load reporting is ok	M	Frank Gundal	Dave Hesketh	11/14/03		Open	Initial contact made 10/24; 11/13 decision that allocation will stand, but does Mirant need new Load Asset ID's?
2629	7	Define/get approval on decodes for new rates	M	Myra Little-Porter	Steve Chiara	12/01/03		Open	
2629	8	Determine UAT responsibility and UAT Team Lead	H	Myra Little-Porter	Frank Gundal	11/07/03	10/30/03	Closed	Stu Weiner assigned to be Test Lead

2629	9	Provide DPRS with SOS and DS Green pricing information	H	Frank Gundal	Steve Chiara	12/01/03	Open	11/12 S. Chiara has spoken with Tom and will give him the new prices when available.
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1/8/2004

Phase Milestones

Milestones	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Outlook Start	Outlook Finish	Comments
Project Planning/Requirements	09/25/03	11/14/03	09/25/03	11/12/03			
OnGoing Tracking	09/25/03	01/09/04	09/25/03				
Internal Design	10/29/03	11/21/03	10/29/03			11/24/03	
Construction/Unit Test	11/07/03	12/05/03	11/07/03				
System/Acceptance Test	12/08/03	12/29/03					
Implementation	12/29/03	01/06/04					
Post Implementation	01/07/04	01/09/04					

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Major Work Products and Deliverables	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Outlook Start	Outlook Finish	Exit Criteria	Comments
Major Task Plan form with Requirements (schedule and logs)	09/25/03	11/14/03	09/25/03	11/12/03			User Sign-off	
Detail (Internal) Design Estimate	11/12/03	11/21/03	11/13/03		11/13/03	11/24/03	User Sign-off	
Code	11/07/03	12/05/03	11/07/03				Peer Review Completion	
Pre-Implementation Deliverables Package (implementation plan, backout plan, test results)	12/29/03	01/02/04					User Sign-off on Test Results; Peer Reviews on remainder	

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Total Resource Hours		Total NonLabor Costs		Work Products	
Planned Hours	Actual Hours	Planned Costs	Actual Costs	Planned #	Actual #
1066	340	0	0		
				0	0
				26	1
				2	0
				# Approved Changes to Requirements	
				# Work Effort Baseline Audits	
				# SQA reviews	

Notes and Instructions:

1. # SQA reviews includes QA Health Reviews for Projects and Process Assurance Reviews
2. # SQA reviews does not include Peer Reviews or Work Product Inspections
3. Planned work products are for the entire work effort
4. Actual work products are for the work effort to date
5. Nonlabor costs include travel, facilities, tools, etc.
6. Planned nonlabor costs are for the entire work effort
7. Actual nonlabor costs are for the work effort to date
8. Planned resource hours are for the entire work effort.
9. Actual resource hours are for the work effort to date
10. Specify the type of critical computer resource (e.g. # test regions, DASD etc.)
11. Planned critical computer resources are for the entire work effort
12. Actual critical computer resources are for the work effort to date

Sizing Tracking Worksheet

		Total Actual Counts in Each Phase for Size Elements Estimated				
	Total Planned	Analysis / Requirements	External Design	Internal Design	Construction / Test	Implementation
Work Product: Modules*	Total					
Work Product: Database Table / Segment / File Design*	Total	10	26			
Work Product: Screens *	Total					
Work Product: Reports*	Total					
Work Product: External Interface Programs*	Total					
Work Product: Test Cases	Total	25				
Work Product: Requirements	Total	6	7			
Work Product: Team Size	Total	3	4			
Work Product: Other (specify)	Total					

Instructions :

1. Select at least two (2) size metrics that are Proportional to work effort hours for this major task

(Note that at least one of the size metrics MUST be a code size metric - marked with *)

2. For the size metrics chosen, obtain total count of work products during the planning phase when preparing ROM, using the NSTAR - IBM Estimator Worksheet Tool and enter in the TOTAL PLANNED column.

3. During each phase of the software development lifecycle, count the total actual work products and enter in the actual Counts for Phase columns.

WR2629 Green Power External Review Meeting Minutes

Date	Time	Location
11/12/03	2:30PM-4:00PM	The Summit – W3A

Meeting Objective	External Review of Green Power Requirements/Task Plan Package
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Invitees	
Frank Gundal	John Milton
Steve Chiara	Myra Little-Porter
Peter Barsamian	Stu Weiner
Tina Barter	Jessica Brahaney

Attendees	
Frank Gundal	John Milton
Steve Chiara	Myra Little-Porter
Peter Barsamian	Stu Weiner

Discussion Topics: (Agenda)

- I. Purpose of External Review
- II. Review of Major Task Plan
- III. Review of Estimate and Schedule
- IV. Review of Major Task Logs
- V. Discussion as needed

Discussion Points:**I. Purpose of External Review**

The purpose of the External Review is to review the Major Task Plan Package documents with the NSTAR business customer to ensure that all deliverables and requirements have been clearly identified and that the business clearly understands what will be delivered on completion. When the business approves the package, signoff will be obtained and the Planning/Requirements Phase will be closed. Following signoff, the Major Task Plan Package is baselined and any changes will require an approved Project Change Request.

II. Review of Major Task Plan

The Major Task Plan was reviewed in detail or summary, depending on the section. Project Scope statement included a listing of other areas/systems affected by the new Green Power rates and/or DS

Supply types. Requirements were reviewed and accepted. The Risk Assessment results were presented, along with an explanation of the various logs that will be kept to ensure that all items are tracked to closure. Brief explanations of the Software Quality Assurance and Software Configuration Management plans were given to better introduce those pieces of the process to the business. Alternative options were stated with the reasons not used. The list of primary players on the work effort was reviewed. It was requested that Penni Conner be added as Business Sponsor and Peter Barsamian and Mary Lou Segreve as Business Owners.

The Plan will be updated with those additions and re-distributed.

III. Review of Estimate and Schedule

Estimating assumptions were reviewed with no additions/corrections suggested. Discussion to clarify certain assumptions was requested and accomplished. Most discussion centered around the items that the business will need to insure that an appropriate procedure is in place.

The approved exemption procedure was explained, as well as work effort baseline following signoff and the requirement for any further changes to have an approved Project Change Request.

The CIS estimate was presented; currently it stands at 1066 hours with a 25% contingency. The schedule indicates a January 2, 2004 implementation, but it was discussed that the CIS team will try to move the implementation forward if possible to avoid the confusion factor of the holidays. The use of overlapping phases in order to meet a hard deadline was also explained.

IV. Review of Major Task Logs

The Major Task Logs were reviewed, including the risk, issue, dependency, and action log items. It was noted that all non-CIS items are listed as dependencies and will be tracked to closure by the CIS IT Lead. An additional dependency of UAT Test Cases being ready for start of System/UAT testing will be added. Issue #1, on cancel-rebill, will be closed, since Billing has determined that it is not a Green Power issue and will be handled through normal channels instead.

The Summary and Logs will be distributed weekly as status reporting for the work effort.

V. Discussion as needed

Final prices for Green Power will not be available when System/UAT testing has to begin. It was decided that Steve will provide 2-3 dummy rates rather than all 40 Green Power rates for testing, and will also provide dummy Default Service files for the new supply types for testing.

Action Items:

Issues Log:

No.	Summary	Action and Status	Owner	Date Last Updated	Date Resolved	Escalated Y/N

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Supply types. Requirements were reviewed and accepted. The Risk Assessment results were presented, along with an explanation of the various logs that will be kept to ensure that all items are tracked to closure. Brief explanations of the Software Quality Assurance and Software Configuration Management plans were given to better introduce those pieces of the process to the business. Alternative options were stated with the reasons not used. The list of primary players on the work effort was reviewed. It was requested that Penni Conner be added as Business Sponsor and Peter Barsamian and Mary Lou Segreve as Business Owners.

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The CIS estimate was presented; currently it stands at 1066 hours with a 25% contingency. The schedule indicates a January 2, 2004 implementation, but it was discussed that the CIS team will try to move the implementation forward if possible to avoid the confusion factor of the holidays. The use of overlapping phases in order to meet a hard deadline was also explained.

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The Major Task Logs were reviewed, including the risk, issue, dependency, and action log items. It was noted that all non-CIS items are listed as dependencies and will be tracked to closure by the CIS IT Lead. An additional dependency of UAT Test Cases being ready for start of System/UAT testing will be added. Issue #1, on cancel-rebill, will be closed, since Billing has determined that it is not a Green Power issue and will be handled through normal channels instead.

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V. Discussion as needed

Final prices for Green Power will not be available when System/UAT testing has to begin. It was decided that Steve will provide 2-3 dummy rates rather than all 40 Green Power rates for testing, and will also provide dummy Default Service files for the new supply types for testing.

Action Items:

Issues Log:

No.	Summary	Action and Status	Owner	Date Last Updated	Date Resolved	Escalated Y/N

WR2629 Green Power JAR Meeting Minutes

Date	Time	Location
10/23/03	1:30PM-3:00PM	The Summit – NW2C

Meeting Objective	Confirm Green Power Requirements
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Invitees	
Frank Gundal	John Milton
Steve Chiara	Myra Little-Porter
Gerald Carey	Bob McCormack
Harry Ruscetta	Joseph Peterson
James Razziboni	Paul Kasianowicz
Dave Hesketh	Bob Hardy

Attendees	
Frank Gundal	John Milton
Steve Chiara	Myra Little-Porter
Gerald Carey	Bob McCormack
Harry Ruscetta	Joseph Peterson
James Razziboni	Paul Kasianowicz
Dave Hesketh	Bob Hardy

Discussion Topics: (Agenda)

- I. Green Power CIS Project Scope/Requirements
- II. Identification of customers in arrears
- III. Tax Credit Reporting to Green customers
- IV. Signup/Drop Procedures
- V. Load Estimation Issues

Discussion Points:**I. Green Power CIS Project Scope/Requirements**

Initial requirements writeup was reviewed, with questions and discussion as needed. Most requirements are almost identical to those for the Zonal Default Service Rate project implemented last June, and it was verified that the functional requirements listed were valid as reworded for Green Power, with minor wording corrections.

Several issues and action items resulted from the discussion.

00525

1. It was stated that the Green Power option must be offered to all customers except Large Industrial. Therefore IT will research any potential changes needed for Special Ledger Billing, Special Ledger Revenue, and Municipal Lights/DPRS.
2. An issue was brought that would occur if a Green Power customer enrolled with an external supplier. Unless the Green Power rate were changed back to the corresponding regular power rate, revenue would be reported under Green Power and the customer would still see a Green Power rate and decode on his printed bill. It was decided that the rates could be changed by the business if a listing of these could be provided by CIS. IT will look into how this could be provided to the business.
3. Steve Chiara took an action item to define and get approval on the printed bill rate decodes for the new Green Power rates.
4. There is a potential issue with the new Auto Cancel-Rebill process soon to be implemented. The business may want to exempt Green Power rates to insure correct rates are used on rebills.
5. Bob Hardy pointed out that the requirements for load reporting to the ISO could result in a mismatch between our customer usage reports and what is reported to the ISO. If very few and/or low use customers sign up for Green Power on a given load asset ID, we would be reporting zero to the ISO.
6. Dave Hesketh will research another Load Reporting Issue. With current processing only 62.4% of Com's Standard Offer Green load would be reported as Green Power. This may or may not be a problem.

Nonfunctional Requirements were also discussed, as follows:

1. The DTE filing states an implementation by January 1, 2004. It was decided that Green Power could be implemented early if desired or possible without ill effects to customer billing.
2. A tentative agreement was reached to run one cycle only in System/Acceptance testing due to the short time frame for this effort.
3. It is unclear at this time how the UAT testing will be done. The assistance of the Billing Dept will probably be needed, since they have the most experience. Zonal Default Service test cases can probably be used as a starting point.
4. Frank will take an action item to determine how UAT will be handled and eventually designate a UAT Team Lead.

II. Identification of customers in arrears

NSTAR would like to limit their liability by removing customers from Green Power if they are in arrears for over 60 days. Several methods to accomplish this were discussed. It was decided that the business could develop a SAS report that would provide the information needed, then the rates could be changed back to the corresponding non-Green rate.

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III. Tax Credit Reporting to Green customers

There is a possibility that the federal government might grant tax credits to customers for the premium paid to obtain Green Power. This would require a letter or form to be sent to Green Power customers at the end of the year. It was not decided whether this would be in the form of a generic letter or a more specific statement of kwh used. Since this would not be needed until January of 2005, it was decided to wait until more information was available before making a final decision.

IV. Signup/Drop Procedures

It had been suggested that Green Power signups be limited to designated CSR's. Harry would prefer that any CSR who takes a Green Power request call be allowed to do the signup. An e-mail box and procedure is in progress to collect the customers who requested Green Power. Much discussion centered on when the rate change should take place, immediately or as of the next read date (after bill is produced). Load Estimation needs the change to take place as of the read date to maintain accurate load reporting. If changed immediately, the rate would be in effect for the prior billing period as well. In addition, on implementation there would be no asset ID to report this to, especially if the bill were to cover multi-months.

V. Load Estimation Issues

Load Estimation issues were covered and are reported in the Requirements section.

Action Items:

IT – research and determine any effects on Special Ledger Billing, Special Ledger Revenue, and Municipal Lights Billing/DPRS.

IT – determine means of notifying the business when a Green Power customer enrolls with an external supplier so a rate change can be done.

Steve Chiara – Define and get approval on rate decodes for the printed bill.

Dave Hesketh – Determine if current process of reporting 62.4% of Standard Offer to the ISO will be acceptable.

Frank Gundal – Determine responsibility for User Acceptance Testing and designate a UAT Team Lead.

Issues Log:

No.	Summary	Action and Status	Owner	Date Last Updated	Date Resolved	Escalated Y/N
001	Business decision needed: Should Green Power rates be exempted from the Auto Cancel-Rebill process?	Open	Bob McCormack/Susan Fowler	10/23/03		

**NSTAR ELECTRIC
GREEN POWER**

ECO

BILLING CODES

<u>RATE</u>		<u>PRESENT</u>	<u>PROPOSED</u>
R-1	Residential	A1	H1
	Residential – Multi Unit Apt. Bldg.	A7	H7
R-2	Residential - Assistance	A2	H2
R-2	Residential - Assist. Heating	A3	H3
R-3	Residential - Heating	A4	H4
	Residential - Multi Unit Apt. Bldg.	A8	H8
R-4	Residential - TOU		
	Peak/Off Peak	A5/A6	H5/H6
G-1	General - Non Demand	A9	H9
G-1	General - Demand	B1	J1
G-2	Lg. Gen - Secondary	B2	J2
	Lg. Gen – Secondary Municipal Disc.	B9	J3
T-1	General - Optional TOU		
	Peak/Off Peak	B5/B6	J4/J5
S-1	Street Lighting	C1	J6
S-2	Street Lighting Energy		
	(Customer Owned)	C2	J7
	(w/o Customer Chrg)	C4	J8
S-3	Outdoor Lighting	C3	J9

CELCO

BILLING CODES

<u>RATE</u>		<u>PRESENT</u>	<u>PROPOSED</u>
R-1	Residential	01	L1
R-2	Residential - Assistance	05	L2
R-3	Residential - Heating	04	L3
R-4	Residential – Assistance Heating	07	L4
R-5	Residential - TOU		
	Peak/Low Load	48/49	L5/L6
R-6	Residential - TOU Heating		
	Peak/Low Load	10/16	L7/L8
G-0	General - Non Demand	06	L9
G-1	General	02	M1
G-4	General - TOU		
	Peak/Low Load	52/53	M2/M3
G-5	Commercial Space Heating	36	M4
G-6	General – Non-Demand TOU		
	Peak/Low Load	51/54	M5/M6
J-1	Street Lighting	19	M7
S-1	Floodlighting	80	M8

00528

**NSTAR ELECTRIC
GREEN POWER**

COMEL

BILLING CODES

<u>RATE</u>		<u>PRESENT</u>	<u>PROPOSED</u>
R-1	Residential - Annual	32	P1
R-1	Residential - Seasonal	66	P2
R-1	Residential - Seas. Optional	68	P3
R-2	Res. Assistance - Annual	30	P4
R-2	Res. Assistance - Seasonal	37	P5
R-2	Res. Assistance - Seas. Optional	38	P6
R-3	Residential - Heating	86	P7
R-4	Residential - Assistance Heating	42	P8
R-5	Water Htg. - Annual	57	P9
R-5	Water Htg. - Seasonal	58	Q1
R-5	Water Htg. - Dummy	59	Q2
R-6	Residential - TOU		
	Peak/Low Load	39/40	Q3/Q4
G-1	General - Annual	33	Q5
G-1	General - Seasonal	35	Q6
G-1	General - Seasonal Opt.	23	Q7
G-4	General Power	41	Q8
G-5	Commercial Space Heating	88	Q9
G-6	All-Electric School	22	U1
G-7	General - TOU		
	Annual - Peak/Low Load	55/56	U2/U3
	Seasonal - Peak/Low Load	31/34	U4/U5
S-1	Area / Street Lighting	79/81	U6
S-2	Customer Owned St. Lighting	82	U7

NOTES: The proposed rates listed above will have a different standard offer price in the PARM050 table to reflect the premium for Green Power.

The PARM0810 Table will be revised to include the new revenue rate code combination the represent the new rates.

**NSTAR ELECTRIC
GREEN POWER**

DEFAULT SERVICE FILE UPDATE

Boston Edison

Company 80	Supply	Type 1 Residential Variable
		Type 2 Commercial Variable
		Type 3 Industrial Variable
		Type 4 Industrial Sema Variable
		Type 6 Residential Fixed
		Type 7 Commercial Fixed
		Type 8 Industrial Fixed
		Type 9 Industrial Sema Fixed
New Reports		Type G Residential Variable
		Type H Commercial Variable
		Type I Residential Fixed
		Type J Commercial Fixed

Commonwealth Electric

Company 70	Same as Beco
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Cambridge Electric

Company 90	Same as Beco
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Requirements for Green Power Implementation

It is assumed that the requirements apply to Residential and Commercial Rates; Large Industrial is excluded.

1.1 New Default Service Types

Description:

Provide for four new Default Service Types on the Default Service Price Table for each electric company.

Rationale:

The determined approach to Green Power rate differentiation requires that the new rates for Green Power customers be able to access alternative Default Service prices from their non-Green Power counterparts. The first new type ('G') will be used for residential monthly Default Service pricing (DS1). The second ('I') will be used for residential six-month averaged pricing (DS6). The third new type ('H') will be used for commercial monthly Default Service pricing (DS1). The fourth ('J') will be used for commercial six-month averaged pricing (DS6). New types will enable both storage and access of the Green Power prices.

Evidence:

Rate Department will provide four additional Default Service files for each electric company to CIS marked as new types. These will be included when the Default Service Price Table is built. Prices will match those for corresponding non-Green Power rates until the January 1, 2004 initiation of Green Power pricing. Green Power Default Service customer bills will access and use the new Default Service types and report to revenue accordingly.

1.2 New Rates for Green Power Customers

Description:

Identify Green Power customers by allowing for corresponding new internal rates as provided by the Rate Department.

Rationale:

The determined approach for Green pricing is to assign new internal rate numbers to customers electing the Green Power option. This will permit Standard Offer Green to be calculated automatically using the existing process, and will also indicate the appropriate Default Service price to be accessed for bill calculation of Default Service.

Evidence:

Default Service bill calculation will determine and use the appropriate Green or non-Green Default Service price.

1.3 Billing of Green Power Customers

Description:

Use the internal revenue class/rate number and Default Service type (fixed or variable) in the Bill Calculation process to determine the correct Default Service supply type when billing Green Default Service customers.

Rationale:

The combination of the internal rate number and a supplier ID of DS1 or DS6 will result in Bill Calc correctly identifying and using the appropriate Default Service type for a Green Power customer.

Evidence:

Default Service customers will be billed using the Green or non-Green Default Service prices as appropriate to the rate assigned to the account. Billing for Standard Offer Green customers should use the existing calculation process, i.e. deriving the Green Standard Offer price from the rate tables.

1.4 Green Default Service Reported to Revenue

Description:

Report new Green Default Service supply types to revenue from the Bill Calculation process.

Rationale:

Due to requirements for Default Service procurement, revenue reports will be an important source of information. Reporting of revenue begins with the Bill Calc process, which creates update records for the Revenue File from which all reporting is done.

Evidence:

Revenue reports will track revenue for all Green Power customers by the new rates. Where Default Service supply type detail is shown, the new Default Service types will be shown separately from their non-Green counterparts.

1.5 Revenue Reporting on New Default Service Types

Description:

Include new Green Default Service types in revenue summary reporting and provide appropriate decode of new types where detail reporting occurs.

Rationale:

Revenue reports will be an important source of information to be used in conforming to requirements for Default Service procurement.

Evidence:

Reports will be adjusted to accommodate new Default Service types as indicated by the existing report format. CA621201 Electric Revenue Summary by Company is a summarized report and will include the Green Default Service. CA621501 Revenue by Rate Class and Rate Revenue Code will have new columns added to represent the new

supply types and will add all into the 'Rate Class Total' column for residential and commercial rates. CA622001 Electric Revenue Analysis by Accounting Class breaks by supply type and will include breaks for the new supply types. CA622102 Electric Revenue Analysis breaks by supply type and will include breaks with decoded headings for the four new Default Service types. CA622402 Sales by Rate will indicate the four new supply types. CA622901 Sales Revenue by Account Class breaks by company and supply types, and will include the four new supply types.

1.6 Green Power Rate Decode on Printed Bills

Description:

Decode the new internal rate number to include a Green Power identification when printing the rate information on printed customer bills for all companies.

Rationale:

Since the rate number can now affect the price a customer will pay for Default Service, the customer should know the type of rate assigned. This will also serve as an indication to the customer that the change to Green Power has occurred.

Evidence:

Rate number is printed on the bill in the usage section under the heading 'Electricity Used'. The decode for each rate should match the wording changes provided by the business.

1.7 Assign Green Power To Appropriate ISO-NE AssetID (Load Estimation and Load Reconciliation)

Description:

Report daily load in Load Estimation including ICAP for twelve (12) new ISO-NE registered assetID's beginning December 1, 2003. Also, Load Reconciliation will reflect the new assetID's effective December 1, 2003. Note: The Load reported to the new assetID's will be zero (0) from December 1, 2003 through December 31, 2003.

Rationale:

A new assetID will be assigned for each of the following categories on December 1, 2003.

- GRN_BECO_NEMA_DS_RES (Residential DS)
- GRN_BECO_NEMA_DS_COM (Commercial DS)
- GRN_BECO_SEMA_DS_RES (Residential DS)
- GRN_BECO_SEMA_DS_COM (Commercial DS)
- GRN_BECO_NEMA_SOS (All classes)
- GRN_BECO_SEMA_SOS (All Classes)
- GRN_COM_DS_RES (Residential DS)
- GRN_COM_DS_COM (Commercial DS)
- GRN_COM_SOS (All SOS)
- GRN_CELCO_DS_RES (Residential DS)
- GRN_CELCO_DS_COM (Commercial DS)

GRN_CELCO_SOS (All SOS)

Evidence:

Energy Supply has provided the twelve (12) assetID categories (above) and Load Reporting will be obtaining the assetID's from ISO-NE for initial implementation on December 1, 2003. On December 1, 2003 the twelve (12) new assetID's will be reported with zeros until such time on or after January 1, 2004 the load reported for each new assetID will reflect a customer choosing the rate number based green power option.

Important note: Reporting to ISO-NE is done at the megawatt-hour level to three (3) decimal places. It is possible that participation with few low use customers in a particular new assetID category will result in the reporting of zero for the assetID because the load is not measurable to the ISO-NE MWH standard.

Non-Functional Requirements

2.1 Implementation Date

Description:

The Green Power rates must be implemented no later than January 1 (2), 2004. An early target date for implementation can be considered unless technical issues are uncovered that preclude an early implementation.

Rationale:

Implementation is required on January 1, 2004, according to the NSTAR filing with the DTE. An earlier implementation might be desirable to both the business and to NIS due to the holidays at that time of year.

Evidence:

Project is implemented as scheduled.

2.2 System/Acceptance Cycle Testing

Description:

One billing cycle is currently planned for System/User Acceptance Testing.

Rationale:

This project must be completed within a relatively short time frame. At this point the project team believes that adequate testing can be performed by giving careful attention to test setups and potential testing workarounds. This will be re-visited if items are identified that cannot be adequately tested within a single cycle.

Evidence:

Testing is successfully completed with a one cycle approach, or is adjusted to reflect testing needs discovered during the project.

2.3 User Acceptance Test Assistance

Description:

User Acceptance Test Team may require CIS Support in setting up and verifying items that cannot be initiated by or results viewed by normal means available to the business. UAT Team will enter their own test cases where possible.

Rationale:

Many test cases will be enterable and results visible either online or on printed reports. Others require internal processing or file input, or have results needing to be confirmed by less obvious means. For the latter, the CIS Team will need to provide before and after confirmation for the User Acceptance Test Cases.

Evidence:

Adequate proof of results will be provided by CIS for test results not visible online or on printed reports. CIS will also provide support for the setup of special test cases not enterable online.

Massachusetts Energy Consumers Alliance
Nicole Wobus –

Did not like the plan. Felt it was an impediment to competition. Used the term monopolistic. Felt NGRID has the proper model.

Conservation Services Group
Stephen Cowell

Overall fairly positive. Would be neutral with any specific comments. Commented that more than one model should be allowed. Had concerns with NSTAR as being part of the name of the product. Also had concerns that stakeholders weren't well enough informed prior to RFP.

Community Energy
Robert Greenlaw

Happy to see anything promoting green. Neutral as to the specific program. Felt it was important to clearly state the mix. Like others glad to see a program to help encourage/expand the green power market.

Sterling Planet
Ron Mitchell

Reasonably positive response. May consider bidding in the future.

Constellation New Energy
Peter Kelly Detwiler

As a retail supplier dealing with mostly commercial accounts had no issues with the program.

In General:

All, except Massachusetts Energy Consumers Alliance, were somewhat positive about the program. Educating/encouraging consumers about a choice is a step toward competition.

Massachusetts Energy Consumers Alliance

Nicole Wobus –

Still do not like the plan. Appreciate the effort by NSTAR to be flexible in trying to address some comments. Adding them to the website and to marketing material won't do them any good as they are not a "true" supplier and won't meet our standards.

Conservation Services Group

Stephen Cowell

They remain fairly positive. Will be neutral with any specific comments but positive overall. Once again commented that more than one model should be allowed.

Community Energy

Jeff Keeler

Will comment only on their and other marketer's experiences and what they feel works. Do not intend to file any negative or NSTAR program specific comments. Adding them to the website and to marketing material won't do them any good as they are not a "true" supplier and won't meet our standards.

Sterling Planet

Ron Mitchell

No real change in position. Adding them to the website and to marketing material won't do them any good as they are not a "true" supplier and won't meet our standards.

Constellation New Energy

Amy Richard

They have a green-e offering but declined our offer to be put up on the web site prior to filing, comments etc. Based on my conversations I feel Constellation may comment negatively to the program. They didn't want to be on the web as that may be in "conflict" with their comments.

Green Mountain

Chris Greenwell

They were more positive about our marketing offer than the others. Chris said it makes enough of a difference for them to at least discuss the possibility of entering the Massachusetts market.

Green Power
Enrollments / Billing

RATE CHANGE APPROACH

1. Rate tables must be revised to reflect "duplicate" rates to be applied to "green power" Customers:
 - See attached billing code cross reference sheet
 - Parm0840, Parm0850, Parm0640 and Parm0810
2. CSR's would receive enrollment request from customers:
 - Rate change occurs immediately in customer system. Cannot change rate upon request.
 - All requests should be "channeled" thru **designated CSR's** or phone numbers.
 - Procedure to be set-up to "store" pending rate changes till next read date (Store Name, account and enrollment date).
 - Discussed with IS ability to develop a "pro-term" job which could update pending rate changes at appropriate time (Use if large number of applicants). Discussed the use of the "note screen" in CIS as tool to remind CSR of rate change.
 - If new customer rate would be set-up at initial call.
3. Review Billing Issues:
 - In the short term, both the standard offer and default price tables would be changed to reflect the "green power adjustment" surcharge included in supply. Standard Offer rates would be included within rate tables. Default Service would have new fixed and variable tables developed to be applied to the "duplicate" rates (four tables for each Company).
 - Will duplicate rates back to September or June to accommodate billing.
 - Cancels-rebills would be handled by CSR's to eliminate incorrect charge for re-billing.
 - Bill print would be revised to reflect "green power" designation.
 - Current AHIS screen only shows two-digit billing code. CSR's will have more billing codes to track. However, Galaxy is able to print written version of billing codes instead of two-digit code.
4. Load Reporting:
 - Load reporting "keys" on rate designation. If rate change is after read date, there should be no impact on the process. The reporting would reflect usage by rate and indirectly track supply type (standard, default, green etc).
5. Revenue Reporting:
 - Will not be able to "track" revenue associated specifically with green power surcharge. Ad Hoc analysis would be used to "split out" green power adjustment from regular supply revenue (Similar analysis as used in SOSFA reporting). However, in regards to default service, new supply type "report ID's" will be developed to track data.

**NSTAR ELECTRIC
GREEN POWER**

3ECO

BILLING CODES

<u>RATE</u>		<u>PRESENT</u>	<u>PROPOSED</u>
R-1	Residential	A1	H1
	Residential – Multi Unit Apt. Bldg.	A7	H7
R-2	Residential - Assistance	A2	H2
R-2	Residential - Assist. Heating	A3	H3
R-3	Residential - Heating	A4	H4
	Residential - Multi Unit Apt. Bldg.	A8	H8
R-4	Residential - TOU		
	Peak/Off Peak	A5/A6	H5/H6
G-1	General - Non Demand	A9	H9
G-1	General - Demand	B1	J1
G-2	Lg. Gen - Secondary	B2	J2
	Lg. Gen – Secondary Municipal Disc.	B9	J3
T-1	General - Optional TOU		
	Peak/Off Peak	B5/B6	J4/J5
S-1	Street Lighting	C1	J6
S-2	Street Lighting Energy		
	(Customer Owned)	C2	J7
	(w/o Customer Chrg)	C4	J8
S-3	Outdoor Lighting	C3	J9

CELCO

BILLING CODES

<u>RATE</u>		<u>PRESENT</u>	<u>PROPOSED</u>
R-1	Residential	01	L1
R-2	Residential - Assistance	05	L2
R-3	Residential - Heating	04	L3
R-4	Residential – Assistance Heating	07	L4
R-5	Residential - TOU		
	Peak/Low Load	48/49	L5/L6
R-6	Residential - TOU Heating		
	Peak/Low Load	10/16	L7/L8
G-0	General - Non Demand	06	L9
G-1	General	02	M1
G-4	General - TOU		
	Peak/Low Load	52/53	M2/M3
G-5	Commercial Space Heating	36	M4
G-6	General – Non-Demand TOU		
	Peak/Low Load	51/54	M5/M6
-1	Street Lighting	19	M7
S-1	Floodlighting	80	M8

00539

**NSTAR ELECTRIC
GREEN POWER**

COMEL

BILLING CODES

<u>RATE</u>	<u>PRESENT</u>	<u>PROPOSED</u>
R-1 Residential - Annual	32	P1
R-1 Residential - Seasonal	66	P2
R-1 Residential - Seas. Optional	68	P3
R-2 Res. Assistance - Annual	30	P4
R-2 Res. Assistance - Seasonal	37	P5
R-2 Res. Assistance - Seas. Optional	38	P6
R-3 Residential - Heating	86	P7
R-4 Residential - Assistance Heating	42	P8
R-5 Water Htg. - Annual	57	P9
R-5 Water Htg. - Seasonal	58	Q1
R-5 Water Htg. - Dummy	59	Q2
R-6 Residential - TOU Peak/Low Load	39/40	Q3/Q4
G-1 General - Annual	33	Q5
G-1 General - Seasonal	35	Q6
G-1 General - Seasonal Opt.	23	Q7
G-4 General Power	41	Q8
G-5 Commercial Space Heating	88	Q9
G-6 All-Electric School	22	U1
G-7 General - TOU Annual - Peak/Low Load	55/56	U2/U3
Seasonal - Peak/Low Load	31/34	U4/U5
S-1 Area / Street Lighting	79/81	U6/U8
S-2 Customer Owned St. Lighting	82	U7

NOTES: The proposed rates listed above will have a different standard offer price in the PARM050 table to reflect the premium for Green Power.

The PARM0810 Table will be revised to include the new revenue rate code combination the represent the new rates.

**NSTAR ELECTRIC
GREEN POWER**

DEFAULT SERVICE FILE UPDATE

Boston Edison

Company 80	Supply	Type 1 Residential Variable
		Type 2 Commercial Variable
		Type 3 Industrial Variable
		Type 4 Industrial Sema Variable
		Type 6 Residential Fixed
		Type 7 Commercial Fixed
		Type 8 Industrial Fixed
		Type 9 Industrial Sema Fixed
New Reports		Type G Residential Variable
		Type H Commercial Variable
		Type I Residential Fixed
		Type J Commercial Fixed

Commonwealth Electric

Company 70 **Same as Beco**

Cambridge Electric

Company 90 **Same as Beco**

----- **TSO FILES FOR DEFAULT SERVICE PRICES** -----

RA.CIEX.BECDS1RG.TXT
RA.CIEX.BECDS1CG.TXT
RA.CIEX.BECDS6RG.TXT
RA.CIEX.BECDS6CG.TXT

RA.CIEX.CELDS1RG.TXT
RA.CIEX.CELDS1CG.TXT
RA.CIEX.CELDS6RG.TXT
RA.CIEX.CELDS6CG.TXT

RA.CIEX.COMDS1RG.TXT
RA.CIEX.COMDS1CG.TXT
RA.CIEX.COMDS6RG.TXT
RA.CIEX.COMDS6CG.TXT

UNMETERED RATE CODE – UPDATE FOR COMMONWEALTH ELECTRIC

<u>Device ID</u>	<u>current code</u>	<u>proposed green</u>
7002	81	U8
7079	79	U7
7081	81	U8
7112	81	U8
7113	81	U8
7114	81	U8
7115	81	U8
7116	81	U8
7117	81	U8
7120	81	U8
7121	81	U8
7142	81	U8
7143	81	U8
7144	81	U8
7145	81	U8
7146	81	U8
7147	81	U8
7151	81	U8
7152	81	U8
7155	81	U8
7156	81	U8
7157	81	U8
7158	81	U8
7159	81	U8
7160	81	U8
7161	81	U8
7205	79	U7
7206	79	U7
7207	79	U7
7208	79	U7
7209	79	U7
7210	79	U7
7235	79	U7
7236	79	U7
7237	79	U7
7238	79	U7
7239	79	U7
7240	79	U7
7250	79	U7
7251	79	U7
7252	79	U7
7253	79	U7
7260	79	U7
7261	79	U7
7262	79	U7
7263	79	U7
7264	79	U7
7272	79	U7
7508	79	U7
7509	79	U7
7510	79	U7
7511	79	U7

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COMMONWEALTH ELECTRIC COMPANY

THE CURRENTLY EFFECTIVE BILLING CODE SHEET IS SHOWN ON **PAGE 2**

A STANDARD COVER SHEET (MEMO) USED TO DESCRIBE THE CHANGES TO
THE BILLING CODE SHEET AS WELL AS THE DISTRIBUTION
LIST IS SHOWN ON **PAGE 3**

A MEMO FOR BULK DISTRIBUTION (IF NEEDED) IS SHOWN
ON **PAGE 4**

(NOTE: DISTRIBUTION LIST SHOULD BE CHECKED FOR UPDATES)
COMMONWEALTH ELECTRIC COMPANY
BILLING CODES

**COMMONWEALTH ELECTRIC COMPANY
BILLING CODES**

<u>VENUE CODES</u>	<u>RATE CODES</u>	<u>SUPPLY</u>	
		<u>REGULAR</u>	<u>GREEN</u>
<u>Residential</u>			
10 Non-Heat - Annual	R-1 Residential - Annual	32	P1
11 Non-Heat - Seasonal	R-1 Residential - Seasonal	66	P2
12 Non-Heat - Annual (Condo Common Area)	R-1 Residential - Seas. Optional	68	P3
14 Non-Heat - Seas. (Condo Common Area)	R-2 Res. Assist. - Annual	30	P4
15 Miscellaneous	R-2 Res. Assist. - Seasonal	37	P5
18 Farm Discount Rider	R-2 Res. Assist. - Seas. Optional	38	P6
20 Heating	R-3 Residential - Space Heating	86	P7
21 Heating (Condo Common Area))	R-4 Res. Assist. - Space Heating	42	P8
	R-5 Water Htg. - Annual (Closed)	57	P9
	R-5 Water Htg. - Seas. (Closed)	58	Q1
	R-5 Water Htg. - Dummy (Closed)	59	Q2
	R-6 Residential TOU		
	Peak/Low Load	39/40	Q3/Q4
<u>Commercial</u>			
30 General - Annual	G-1 General - Annual	33	Q5
31 General - Seasonal	G-1 General - Seasonal	35	Q6
33 General - Temporary Service	G-1 General - Seasonal Opt.	23	Q7
34 General - Miscellaneous	G-2 SEMA - Med. General - TOU		
35 Farm Discount Rider	Peak/Low A/Low B Load	84/85/87	
38 General - Lighting	G-3 SEMA - Lg. General - TOU		
	Peak/Low A/Low B Load	24/25/20	
	G-4 General Power (Closed)	41	Q8
	G-5 Commercial Sp. Htg. (Closed)	88	Q9
	G-6 All-Electric School (Closed)	22	U1
	G-7 General TOU		
	Annual - Peak / Low Load	55/56	U2/U3
	Seasonal - Peak / Low Load	31/34	U4/U5
<u>Government - Federal</u>			
50 General	I-1 Interruptible	-	
52 Water Pumping	S-1 Area Lighting / Street Lighting	79 / 81	U6/U8
Street Lighting & Traffic Lights	S-2 Customer Owned St. Lighting	82	U7
59 Otis Air Force Base			
<u>Government - Municipal</u>			
60 General	TCIP Temporary Interruptible Credit	T9	
62 Water Pumping	CON Canal #1 / Canal #2	17 / 18	
64 Street Lighting & Traffic Lights	CON Other	15	
	CON Transmission Service	14	
<u>Government - State</u>			
65 General	CON Standby Service		
68 Street Lighting & Traffic Lights	Peak/Low A/Low B Load	76/77/78	
<u>Utilities - Non-Affiliated (Resale)</u>			
71 General			
<u>Utilities - Affiliated (Resale)</u>			
72 General			
<u>Inter-Co. Sales (Not for Resale)</u>			
95 Canal Electric Company			
96 Commonwealth Gas Company			

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CAMBRIDGE ELECTRIC LIGHT COMPANY

THE CURRENTLY EFFECTIVE BILLING CODE SHEET IS SHOWN ON PAGE 2

A STANDARD COVER SHEET (MEMO) USED TO DESCRIBE THE CHANGES TO
THE BILLING CODE SHEET AS WELL AS THE DISTRIBUTION
LIST IS SHOWN ON PAGE 3

(NOTE: DISTRIBUTION LIST SHOULD BE CHECKED FOR UPDATES)

**CAMBRIDGE ELECTRIC LIGHT COMPANY
BILLING CODES**

<u>VENUE CODES</u>	<u>RATE CODES</u>		<u>SUPPLY</u>	
			<u>REGULAR</u>	<u>GREEN</u>
<u>Residential</u>				
10 Non-Heating	R-1	Residential	01	L1
12 Non-Heating (Condo Common Area)	R-2	Residential - Assistance	05	L2
15 Miscellaneous	R-3	Residential - Htg.	04	L3
18 Farm Discount Rider	R-4	Residential - Assist. Htg.	07	L4
20 Heating	R-5	Residential - TOU Peak/Low Load	48/49	L5/L6
21 Heating (Condo Common Area)	R-6	Residential - TOU Space Htg. Peak/Low Load	10/16	L7/L8
<u>Commercial</u>				
30 General	G-0	General Non-Demand	06	L9
33 General - Temporary Service	G-1	General	02	M1
34 General - Miscellaneous	G-2	NEMA - Lg. Gen. (Sec.) - TOU Peak/Low A/Low B Load	62/63/64	
35 Farm Discount Rider	G-3	NEMA - Lg. Gen. (13.8) - TOU Peak/Low A/Low B Load	70/71/72	
38 General - Lighting	G-4	General - TOU Peak/Low Load	52/53	M2/M3
<u>Industrial</u>				
40 General	G-5	Commercial Sp. Htg. (Closed)	36	M4
<u>Government - Federal</u>				
50 General	G-6	General Non Demand - TOU Peak/Low Load	51/54	M5/M6
52 Water Pumping				
54 Street Ltg. and Traffic Lights	I-1	Interruptible	-	
<u>Government - Municipal</u>				
60 General	S-1	Street Lighting	19	M7
62 Water Pumping	S-1	Floodlighting	80	M8
64 Street Ltg. and Traffic Lights	SB-1	Standby Service Peak/Low A/Low B Load	D1/D2/D3	
<u>Government - State</u>				
65 General	MS-1	Maintenance Service Peak/Low A/Low B Load	D4/D5/D6	
68 Street Ltg. and Traffic Lights	SS-1	Supplemental Service Peak/Low A/Low B Load	D7/D8/D9	
<u>Utilities - Non-Affiliated (Resale)</u>				
71 General	TCIP	Temporary Interruptible Credit	T8	
<u>Inter-Co. Sales (Not for Resale)</u>				
91 COM/Energy Services Company				
92 COM/Energy Steam Company	CON	MIT Mag Lab - Peak Load	73	
96 Commonwealth Gas Company	CON	MIT Mag Lab - Low Load A	74	
97 COM/Energy Realty Trust	CON	MIT Mag Lab - Low Load B	75	
	CON	Town of Belmont	60	
	CON	Transmission	12	
	CON	Other	11	

All Accounts to Bear 4 Digit Code
1st 2 digits = Revenue Code Number
2nd 2 digits = Rate Code Number

Effective: July 1, 2003

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BOSTON EDISON COMPANY

THE CURRENTLY EFFECTIVE BILLING CODE SHEET IS SHOWN ON PAGE 3

**A STANDARD COVER SHEET (MEMO) USED TO DESCRIBE THE CHANGES TO
THE BILLING CODE SHEET AS WELL AS THE DISTRIBUTION
LIST IS SHOWN ON PAGE 2**

(NOTE: DISTRIBUTION LIST SHOULD BE CHECKED FOR UPDATES)

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**BOSTON EDISON COMPANY
BILLING CODES**

REVENUE CODES

Residential

- 10 Non-Heating, General, Church
- 12 Non-Heating (Condo Common Area)
- 15 Miscellaneous
- 16 Master Metered
- 18 Farm Discount Rider
- 19 General & Water Heating
- 20 Heating, General, Church
- 21 Heating (Condo Common Area)

Commercial

- 30 General, Telephone, Cable
- 32 Res/Comm. Sp Htg (Demand Meter)
- 33 General - Temporary Service
- 34 General - Miscellaneous
- 35 Farm Discount Rider
- 36 All Electric School/Church
- 37 Master Metered
- 38 General - Lighting
- 39 Contracts (NEA, HT, H2, SD)

Industrial

- 40 General
- 44 Other Contracts

Government - Federal

- 50 General
- 52 Water Pumping
- 54 Street Ltg. and Traffic Lights

Government - Municipal

- 60 General - Public Authority
- 62 Water Pumping
- 64 Street Ltg. and Traffic Lights

Government - State

- 65 General - County / MDC
- 66 Lighting - Other Electric Co.
- 68 Street Ltg. and Traffic Lights
- 67 MWRA
- 69 Amtrak

Utilities - Non-Affiliated (Resale)

- 71 General

Inter-Co. Sales (Not for Resale)

- 91 COM/Energy Services Company
- 92 COM/Energy Steam Company
- 96 Commonwealth Gas Company
- 97 COM/Energy Realty Trust

1st 2 digits = Revenue Code Number
2nd 2 digits = Rate Code Number

RATE CODES

SUPPLY
REGULAR GREEN

R-1	Residential	A1	H1
	Residential - Multi Unit Apt. Bldg.	A7	H7
R-2	Residential - Assistance	A2	H2
R-2	Residential - Assist. Heating	A3	H3
R-3	Residential - Heating	A4	H4
	Residential - Multi Unit Apt. Bldg.	A8	H8
R-4	Residential - TOU		
	Peak/Off Peak	A5/A6	H5/H6
G-1	General - Non Demand	A9	H9
G-1	General - Demand	B1	J1
G-2	Lg. Gen - Secondary	B2	J2
	Lg. Gen - Secondary Municipal Disc.	B9	J3
G-3	NEMA - Lg. Gen. - Primary TOU (14 Kv)		
	Peak/Off Peak	B3/B4	
	SEMA - Lg. Gen. - Primary TOU (14Kv)		
	Peak/Off Peak	G6/G7	
T-1	General - Optional TOU		
	Peak/Off Peak	B5/B6	J4/J5
T-2	NEMA - Lg. General - TOU		
	Peak/Off Peak	B7/B8	
	SEMA - Lg. General - TOU		
	Peak/Off Peak	G8/G9	
S-1	Street Lighting	C1	J6
S-2	Street Lighting Energy		
	(Customer Owned)	C2	J7
	(w/o Customer Chrg)	C4	J8
S-3	Outdoor Lighting	C3	J9
WR	Mass Water Resources Authy.		
	Peak/Off Peak	E1/E2	
NE	NEA		
	Peak/Off Peak	E3/E4	
SD	Suffolk Downs		
	Peak/Off Peak	E5/E6	
AM	Amtrak - 115 kv	E7	
HT	Crossroads (Home Depot)		
	Peak/Off Peak	G3/G4	
H2	WS Development (Home Depot)	G5	
I-C	Interruptible Credit (Closed)	N/A	
I-N	Interruptible Credit (Closed)	N/A	
TIC	Temporary Interruptible Credit		

Effective: July 1, 2003

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